

For Research Use Only

# CoraLite® Plus 488-conjugated Phospho-Histone H3 (Ser10) Monoclonal antibody



Catalog Number: **CL488-66863**

## Basic Information

<b>Catalog Number:</b> CL488-66863	<b>GenBank Accession Number:</b> NM_003529	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8350	<b>CloneNo.:</b> 4C7G2
<b>Source:</b> Mouse	<b>Full Name:</b> histone cluster 1, H3a	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 15 kDa	
	<b>Observed MW:</b> 15-17 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, rat, mouse

## Background Information

### Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

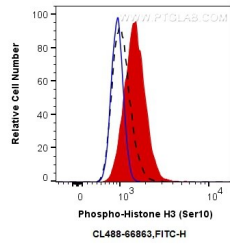
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells untreated (dashed lines) or treated with nocodazole (red) were intracellularly stained with 0.5 ug CoraLite® Plus 488 Anti-Human Phospho-Histone H3 (Ser10) (CL488-66863, Clone:4C7G2), or 0.5 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.